Suggested Specification
SECTION 10 26 16
Wallguard.com Infinity Handrail 2050

PART 1 GENERAL
1.01 SUMMARY
    A. This section includes the following wall protection system:
        1. Protective Corridor Handrails
    B. Related Sections
        1. Section 10 26 13 - Corner Guards
        2. Section 10 26 23 - Protective Wall Covering
        3. Section 10 26 33 - Door and Frame Protection
        4. Section 09 22 00 - Supports for Plaster and Gypsum Board
1.02 REFERENCES
    A. Abbreviations and Acronyms
        1. American Society for Testing and Materials (ASTM)
        2. American National Standards Institute (ANSI)
1.03 SUBMITTALS
    A. General: Submit the following in accordance with Section 01 33 00 "Submittal Procedures".
    B. Product Data
        1. Data sheet illustrating product dimensions, options, and related components.
        2. Installation instructions.
    C. Samples for verification of design suitability, color, finish, and accessory attachment and alignment.
        1. 12" (304) Long sample with mounting bracket and integral wall return.
    D. Test reports from a qualified independent laboratory showing results in compliance to requirements indicated
1.04 QUALITY ASSURANCE
    A. Manufacturer to have no less than 5 years experience in the production of wall protection products having successful in-service performance.
    B. Color Control: Wood components to pass visual inspection to approved stained and finished color standard. Stain formulations are maintained specific to approved stain sample.
1.05 DELIVERY, STORAGE, AND HANDLING
    A. Storage: Store wall protection products in original packaging. Protect from weather, extreme temperatures, and moisture.
        1. Maintain temperature during storage between 40°- 100°F (4°- 38°C).
        2. Store materials flat to prevent twisting or sagging of cartons.
    B. Handling: Take adequate measure to prevent damage to materials. Avoid exposure of products to direct sunlight.

1.06 SITE CONDITIONS
    A. Ambient Conditions: Do not install wall protection products until installation areas are enclosed and weatherproof. HVAC system must be operational and maintaining temperature at 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

PART 2 PRODUCTS
2.01 MANUFACTURERS
Wallguard.com
PO Box 1109
Dover Plains, NY 12522
877-943-6826
www.wallguard.com

2.02 DESCRIPTION
A. Model 2050, 1 1/2" (38) Round profile hardwood handrail system with stainless steel mounting brackets. System includes radius stainless steel wall returns and outside corners. Select color from manufacturer's standard wood stains. Custom stains are available.

2.03 MATERIALS
A. Rail: Machine from plain sawn FAS grade hardwood, kiln dried to a moisture content of 6% to 10%. Select from Oak, Maple, Ash, Beech, and Cherry. Other species are available.

B. Wall Returns, and Corners: Type 304 stainless steel tubing, 16 gauge, nominal
0.065" (1.7) thickness.

C. Wall Brackets: Type 304 stainless steel formed, machined, and welded components.

2.04 FINISHES
A. Wood Components: Factory finish after machining operations are completed. Apply final two coat finish of clear, low VOC, catalyzed conversion varnish with UV absorber for added wood protection.

B. Stainless Steel: Factory applied #4 satin finish.

PART 3 EXECUTION
3.01 EXAMINATION
A. Examine walls for availability of backing to ensure secure attachment of wall protection products.

B. Verify that HVAC is operating and installation area temperature has been maintained between 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

C. Verify application of wall finishes has been completed in accordance with project finish plan.

3.02 PREPARATION
A. Surface Preparation: Clean substrate to remove dust and debris.

3.03 INSTALLATION
A. Acclimate materials to building conditions for at least 24 hours prior to installation.

B. Install wall protection products in accordance with manufacturer's installation instructions.

3.04 PROTECTION
A. Protect installed material from damage by other trades. Use materials that will not mark, stain, or leave residue on the product.